

**ELECTION AND POWER OF  
ATTORNEY and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	
International Filing Date	January 27, 2005
First Named Inventor	Masato MIYAKE
Title	COMPOSITION AND METHOD FOR ELEVATING GENE TRANSFER EFFICIENCY
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

Practitioners at Seed IP Law Group PLLC, Customer Number: 00500

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above (and any continuation/divisional applications therefrom) and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The above-mentioned Customer Number

OR

The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Email		

I am the:

Applicant/Inventor.

Assignee of record of an interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

As assignee of record of an interest I/we hereby elect, under 37 CFR 3.71, to prosecute the application to the exclusion of the inventor(s).

**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>Shigeru Iino</i>	Date	September 7, 2007
Name	Shigeru Iino		
Title and Company (Assignee)	Director, Intellectual Property Department NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
Submit multiple forms if more than one signature is required, see below\*.

\*Total of \_\_\_\_\_ forms are submitted.

PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner:

Masato MIYAKE, Tomohiro YOSHIKAWA,  
Eiichiro UCHIMURA and Jun MIYAKE

Application No./Patent No.:

International Filing

Date: January 27, 2005

Entitled: COMPOSITION AND METHOD FOR ELEVATING  
GENE TRANSFER EFFICIENCYNATIONAL INSTITUTE OF ADVANCED  
INDUSTRIAL SCIENCE AND TECHNOLOGY

(Name of Assignee)

a

corporation

(Type of Assignee, e.g., corporation, partnership,  
university, government agency etc)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is 95 %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above.  
The assignment was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_ or for which a copy thereof is attached

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the  
current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title noted in B above are  
attached

**[NOTE:** A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment  
Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See  
MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Shigeru Iino

Signature

September 7, 2007

Date

Shigeru Iino

Typed or printed name

Director, Intellectual Property Department

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Docket No 790086 406USPC

#595402\_1 DOC

**COPY**

EXPRESS MAIL NO.

ASSIGNMENT

WHEREAS, we, Masato MIYAKE, Tomohiro YOSHIKAWA, Eiichiro UCHIMURA and Jun MIYAKE (hereinafter referred to as ASSIGNORS), having mailing addresses of c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan, c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan, c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan and c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan respectively, are the joint inventors of an invention entitled " COMPOSITION AND METHOD FOR ELEVATING GENE TRANSFER EFFICIENCY " as described and claimed in the specification for which an application for United States letters patent was filed and assigned Application No. This application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/JP2005/001148 , accorded an International Filing Date of January 27, 2005 ;

WHEREAS, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY and CYTOPATHFINDER, INC. (hereinafter referred to as ASSIGNEE), having a usual place of business at 1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 100-8921 Japan and 14-8, Hatanodai 6-chome, Shinagawa-ku, Tokyo 142-0064 Japan are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and, in any and all divisions, reissues and continuations thereof, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

1.

Assignor: Masato MIYAKE

Signature: 

~~Tomohiro YOSHIKAWA~~

(Signature of Witness)

Tomohiro YOSHIKAWA

Masato Miyake

(Type or Print Name of Witness)

2.

Assignor: Tomohiro YOSHIKAWA

Signature: 



(Signature of Witness)

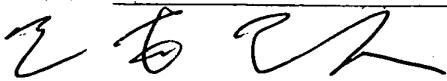
Masato Miyake

(Type or Print Name of Witness)

3

Assignor: Eiichiro UCHIMURA

Signature:



(Signature of Witness)

Masato Miyake

(Type or Print Name of Witness)

4

Assignor: Jun MIYAKE

Signature:



(Signature of Witness)

Masato Miyake

(Type or Print Name of Witness)

<b>ELECTION AND POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	Application Number	
	International Filing Date	January 27, 2005
	First Named Inventor	Masato MIYAKE
	Title	COMPOSITION AND METHOD FOR ELEVATING GENE TRANSFER EFFICIENCY
	Art Unit	
	Examiner Name	
	Attorney Docket Number	

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I hereby appoint:

Practitioners at Seed IP Law Group PLLC, Customer Number: 00500

OR

Practitioner(s) named below:

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as my/our attorney(s) or agent(s) to prosecute the application identified above (and any continuation/divisional applications therefrom); and to transact all business in the United States Patent and Trademark Office connected therewith.

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The above-mentioned Customer Number

OR

The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Email		

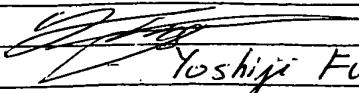
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Applicant/Inventor.

Assignee of record of an interest. See 37 CFR 3.71.  
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As assignee of record of an interest I/we hereby elect, under 37 CFR 3.71, to prosecute the application to the exclusion of the inventor(s).

**SIGNATURE of Applicant or Assignee of Record**

Signature		Date	September 7, 2006
Name	Yoshiji Fujita		
Title and Company (Assignee)	President & CEO CYTOPATHFINDER, INC.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
Submit multiple forms if more than one signature is required, see below\*.

\*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. #595388\_1.DOC

PTO/SB/96 (09-04)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Masato MIYAKE, Tomohiro YOSHIKAWA,  
Eiichiro UCHIMURA and Jun MIYAKEApplication No./Patent No.: \_\_\_\_\_ International Filing Date: January 27, 2005Entitled: COMPOSITION AND METHOD FOR ELEVATING  
GENE TRANSFER EFFICIENCYCYTOPATHFINDER, INC.

(Name of Assignee)

a corporation(Type of Assignee, e.g., corporation, partnership,  
university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is 5 %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above.  
The assignment was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached

OR

B.  A chain of title from the Inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

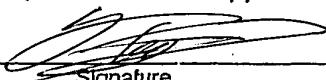
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3. From: \_\_\_\_\_ To: \_\_\_\_\_

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

September 7, 2006  
 Date
Yoshiji Fujita

Typed or printed name

President & CEO

Title

**COPY**

EXPRESS MAIL NO.

ASSIGNMENT

WHEREAS, we, Masato MIYAKE, Tomohiro YOSHIKAWA, Eiichiro UCHIMURA and Jun MIYAKE (hereinafter referred to as ASSIGNORS), having mailing addresses of c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan, c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan, c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan and c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 661-0974 Japan respectively, are the joint inventors of an invention entitled " COMPOSITION AND METHOD FOR ELEVATING GENE TRANSFER EFFICIENCY " as described and claimed in the specification for which an application for United States letters patent was filed and assigned Application No. This application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/JP2005/001148 , accorded an International Filing Date of January 27, 2005 ;

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and, in any and all divisions, reissues and continuations thereof, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

1.

Assignor: Masato MIYAKE

Signature: E B ZH

~~Tomohiro YOSHIKAWA~~ Tomohiro YOSHIKAWA

(Signature of Witness)

Masato Miyake

(Type or Print Name of Witness)

2.

Assignor: Tomohiro YOSHIKAWA

Signature: Tomohiro YOSHIKAWA

E B ZH

(Signature of Witness)

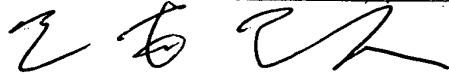
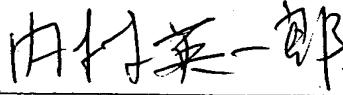
Masato Miyake

(Type or Print Name of Witness)

3.

Assignor: Eiichiro UCHIMURA

Signature:



(Signature of Witness)

Masato Miyake

(Type or Print Name of Witness)

4.

Assignor: Jun MIYAKE

Signature:



(Signature of Witness)

Masato Miyake

(Type or Print Name of Witness)